

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION

Inventor(s):	Zhengfu HAN et al.
Application Number:	10/588,042
Filing Date:	August 1, 2006
Entitled:	A POLARIZATION-CONTROLLED ENCODING METHOD, ENCODER, AND QUANTUM KEY DISTRIBUTION SYSTEM

As the below-named inventors, we declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their names.

We believe that we are the original, first, and joint inventors of the subject matter that is claimed and for which a patent is sought on the invention entitled:

A POLARIZATION-CONTROLLED ENCODING METHOD, ENCODER,  
AND QUANTUM KEY DISTRIBUTION SYSTEM

the specification of which:

☐ is attached hereto.

☒ was filed on 19 August 2004 as Application Serial No. PCT/CN2004/000969  
and was amended on \_\_\_\_\_ (if applicable).

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendments referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)–(d) or (f), or § 365(b) of any foreign application(s) for patent or inventor's rights certificate(s), or 365(a) of any PCT international application that designated at least one country other than the United States of America, listed below and have also identified below by checking the box corresponding to any foreign application for patent, inventor's rights certificate(s), or corresponding to any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date	Priority Claimed	
			Yes	No
PCT/CN2004/000969	PCT	19 August 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>
200410013996.6	China	2 February 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>

We hereby claim priority benefits under 35 U.S.C. § 119(e) of any United States Provisional application(s) listed below:

Application Number(s)	Filing Date
None.	

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, as listed below, and insofar as the subject matter of each of the Claims of this Application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

Country	Application Number(s)	Filing Date	Status

We hereby declare that all statements made herein of our own knowledge are true; all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and may jeopardize the validity of the application or any patent issuing thereon.

The attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Declaration the date and application number thereof in the places provided therefor.

Attorney Docket No. 7605 P 003

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